

Title (en)

CATALYTIC COMPOSITION OF ORGANOTIN COMPOUNDS

Title (de)

KATALYTISCHE ZUSAMMENSETZUNG, DIE ORGANOZINN VERBINDUNGEN ENTHÄLT

Title (fr)

COMPOSITION CATALYTIQUE A BASE DE COMPOSES ORGANOSTANNIQUES

Publication

EP 1565509 B1 20100310 (EN)

Application

EP 03785662 A 20031125

Priority

- DE 10256084 A 20021129
- EP 0313221 W 20031125

Abstract (en)

[origin: US7709409B2] The present invention relates to catalytic compositions for esterification, transesterification and polycondensation reactions, a process for the catalysis of said reactions employing such catalytic compositions and polyesters or resins obtainable by this process.

IPC 8 full level

C08G 63/85 (2006.01); **B01J 31/02** (2006.01); **B01J 31/12** (2006.01); **C07C 67/08** (2006.01); **C08G 63/82** (2006.01); **B01J 23/14** (2006.01); **C08G 63/87** (2006.01)

CPC (source: EP KR US)

B01J 31/0211 (2013.01 - EP US); **B01J 31/0212** (2013.01 - EP US); **B01J 31/122** (2013.01 - EP US); **C07C 67/08** (2013.01 - EP US); **C07F 7/22** (2013.01 - KR); **C08G 63/82** (2013.01 - EP US); **C08G 63/823** (2013.01 - EP US); **C08G 63/85** (2013.01 - EP US); **B01J 23/14** (2013.01 - EP US); **C08G 63/87** (2013.01 - EP US)

C-Set (source: EP US)

C07C 67/08 + **C07C 69/82**

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004050597 A1 20040617; AT E460449 T1 20100315; AU 2003294725 A1 20040623; AU 2003302617 A1 20040623; BR 0316449 A 20051011; BR 0316449 B1 20140311; BR 0316684 A 20051018; CA 2498856 A1 20040617; CA 2498856 C 20111220; CA 2507689 A1 20040617; CN 1717384 A 20060104; CN 1717384 B 20101006; CN 1717431 A 20060104; DE 10256084 A1 20040617; DE 60331672 D1 20100422; EP 1565509 A1 20050824; EP 1565509 B1 20100310; EP 1567473 A1 20050831; ES 2340846 T3 20100610; KR 100985797 B1 20101006; KR 101004085 B1 20101227; KR 20050086523 A 20050830; KR 20060019504 A 20060303; MX PA05005458 A 20051019; MX PA05005683 A 20051123; PL 208228 B1 20110429; PL 376899 A1 20060109; PL 376966 A1 20060109; TW 200420606 A 20041016; TW 200422317 A 20041101; TW I291474 B 20071221; TW I332962 B 20101111; US 2006047101 A1 20060302; US 2006052575 A1 20060309; US 2007179045 A1 20070802; US 7297804 B2 20071120; US 7709409 B2 20100504; WO 2004050742 A1 20040617

DOCDB simple family (application)

EP 0313222 W 20031125; AT 03785662 T 20031125; AU 2003294725 A 20031125; AU 2003302617 A 20031125; BR 0316449 A 20031125; BR 0316684 A 20031125; CA 2498856 A 20031125; CA 2507689 A 20031125; CN 200380104458 A 20031125; CN 200380104501 A 20031125; DE 10256084 A 20021129; DE 60331672 T 20031125; EP 0313221 W 20031125; EP 03785662 A 20031125; EP 03812158 A 20031125; ES 03785662 T 20031125; KR 20057008402 A 20031125; KR 20057008404 A 20031125; MX PA05005458 A 20031125; MX PA05005683 A 20031125; PL 37689903 A 20031125; PL 37696603 A 20031125; TW 92132982 A 20031125; TW 92132983 A 20031125; US 53665805 A 20050527; US 53686905 A 20050527; US 78449207 A 20070406